DT04 Rec'd PCT/PT0 0 9 JUL 2004

INFORMATION DISCLOSURE STATEMENT			Atty. Do	ocket No. 042	440	Serial No. 1.0. 45.0.1080					
			Applicant(s): Hiroshi YOSHIDA								
PTO-1449			Filing D	ate: July 9, 20	004	Group Art Unit:					
				U.S. PATEN	NT DOCUME	YTS					
Examiner Initial		Docum	ent No. Name Date			Class Subclass	Filing Date (If appropriate)				
Col	AA	2001/0	001/0012686 Hamada 08/09/01								
			FO	DREIGN PAT	TENT DOCUM	IENTS					
		Docum	nent No.	Date	Country	Translation (Yes or No)					
CAL	AB	11-204	1534	07/30/99	Japan	Abstract. Cited in the int'l	. search report				
1	AC	0 502	471	09/09/92	EPO	Yes. Cited in the int'l. search report. Abstract. Cited in the int'l. search report.					
V	AD	10-041	1311	02/13/98	Japan						
Cor	AE	419 04	14	03/27/91	EPO	Yes. Cited in the int'l. search report.					
				OTHER	DOCUMENTS						
an	AF	C. Maddalon-Vinante et al.; Journal of the Electrochemical Society, Vol. 142, No. 2, pp.560-564, Feb. 1995. Cited in the int'l. search report.									
	AG		M. Nakamura, Applied Physics Letters, Vol. 79, No. 18, pp.2904-2906; October 29, 2001.								
	AH		M. Nakamura, Journal of the Electrochemical Society, Vol. 147, No. 2, pp. 796-798, 2000.								
. \//	AI	Pater	Patent Abstracts of Japan, Pub. No. 10-303430 of 11/13/98. Cited in the specification.								
¥	AJ	Pater	Patent Abstracts of Japan, Pub. No. 2001-250957 of 09/14/01. Cited in the spec.								
CAN	AK	Pater	Patent Abstracts of Japan, Pub. No. 2001-274405 of 10/05/01. Cited in the spec.								
Examiner	$\overline{}$	1		Date	Considered	3/17/2006					

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/501,080 Filing Date December 14, 2004 First Named Inventor Hiroshi YOSHIDA Art Unit 2812 **Examiner Name** Not Yet Assigned Attorney Docket Number 042440

			U. S. PATEN	DOCU	MENTS		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (5 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Car		^{US-} 6,277,501	08-21-2001	Sumitomo Metal Ind.			
	L	US-					
		US-				†	_
		US-					
		US-		1			
		vs-		 	· · · · · · · · · · · · · · · · · · ·	 / 	
		US-		 		 	
		US-		 			
		US-		 		 	
		US-	1	 		 -	
		US-	 	 -			
		US-			/	 	
		US-	 			<u> </u>	
		US-	 		<u> </u>		
		US-	\ 	 -			
		US-		<u> </u>			
		US	 X				
	 †	US-	\leftarrow				
		US-	-				
				<u> </u>			
=			FOREIGN PATE	T DOGL	IMENTS		_
Examiner I	Cite No.1	Foreign Patent Document	Pub	lication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines.	
		Country Code ³ Number ⁴ Kind Code ³ (if kn	1 444 6	D-YYYY,	applicant or cited bocument	Where Relevant Passages Or Relevant Figures Appear	T⁰
		10000 (8.00)	<i></i>				
		/				 	_
i	-1					<u> </u>	
- 	\leftarrow				 		<u> </u>
/						 	_
						\	
	<u>-</u>				<u></u>		
Examiner Signature		·CLI			Date Considered	3/17/2006	<u>, ;</u>
EVAMINER	1.1.1.	C- V-			Considered	1/17/2006	9

*EXAMINER: Initial if reference considered, whether or not citation is In conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 If possible. 8 Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.